

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
13 November 2003 (13.11.2003)

PCT

(10) International Publication Number
WO 03/092956 A1(51) International Patent Classification⁷: B24B 7/06.
7/28, 41/047

(21) International Application Number: PCT/EP03/04474

(22) International Filing Date: 29 April 2003 (29.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
VI2002A000080 2 May 2002 (02.05.2002) IT(71) Applicant (for all designated States except US): COSTA
LEVIGATRICI SPA [IT/IT]; Via Venezia, 144, I-36015
Schio (IT).

(71) Applicants and

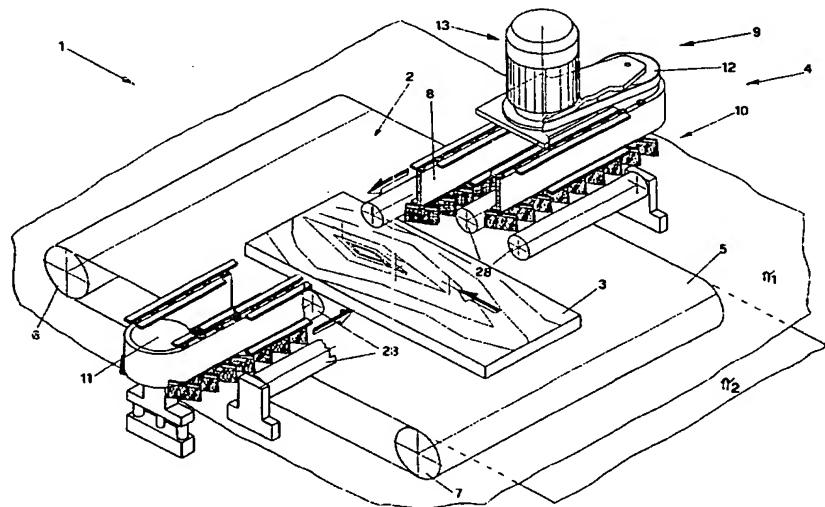
(72) Inventors (for CA, US only): BAU', Eligio [IT/IT]; Via
Dante Alighieri, 2, I-36042 Breganze (IT). ZANUSO,
Nevio [IT/IT]; Via Europa, 140, I-36010 Cavazzale (IT).(74) Agent: BONINI, Ercole; Studio Ing. E. Bonini Srl, Corso
Fogazzaro, 8, I-36100 Vicenza (IT).(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SANDING MACHINE

(57) Abstract: A sanding machine (1; 300) comprising a support structure (2; 302) for the piece (3) to be processed and a sanding unit (4) for the piece (3) itself. The sanding unit (4) comprises a frame (40) that supports a winding element (8) cooperating with kinematic means (9) suitable for setting it in motion according to a closed ring configuration on a plane (π_1) substantially parallel to the plane (π_2) defined by the support structure (2; 302) and a plurality of abrasive elements (10) combined with the winding element (8) spaced from one another and provided with an abrasive surface (16; 416) that comes in contact with the piece (3) during the movement of the winding element (8).

WO 03/092956 A1